

KANE3003/FJD
Serial No. 10/753,464

IN THE ABSTRACT

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A main needle holder is disposed above a needle plate, and has a screw portion for fitting a needle bar. A sub needle holder is fitted to the main needle holder by a set screw so as to be adjustable in position. Fitting position of the sub needle holder to the main needle holder is changed when loosening the screw, so that the interval of the plural needle is widened or narrowed in the longitudinal direction. Plural needles are individually fitted to the needle holders, and penetrate through a needle hole of the needle plate when descending. The fitting position of the sub needle holder to the main needle holder is changed by a longitudinal slit formed linearly on the main needle holder, and the cloth penetration lines by at least two needles of plural needles can be mutually set along in a narrow width.